

L7 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:41529 CAPLUS
 DN 112:41529
 TI Plastic mass for temporary filling of technological holes in
 prefabricated reinforced concrete panels
 IN Balpataki, Istvan
 PA Hajdu Megyei Allami Epitoipari Vallalat, Debrecen, Hung.
 SO Hung. Teljes, 12 pp.
 CODEN: HUXXB
 DT Patent
 LA Hungarian
 IC ICM C04B022-00
 CC 58-2 (Cement, Concrete, and Related Building Materials)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 48857	A2	19890728	HU 1987-5946	19871222
	HU 201502	B	19901128		
PRAI	HU 1987-5946		19871222		
AB	The quality of steel-reinforced concrete panels is improved by using a new temporary plastic filling material for creating technol. required holes or openings in the hardened product. The plastic filling material consists of perlite, bentonite, and inhibitors (Na silicate and/or Na ₃ PO ₄). The new nonhardening filling material provides corrosion protection for the reinforcing components, has good workability, and is easy to remove from the final hardened product. A compn. with excellent properties comprises perlite 7.5, bentonite 75, Na silicate 1.2, and Na ₃ PO ₄ 2.5 kg and water 100 L.				
ST	steel reinforced concrete plastic filling; perlite filling steel reinforced concrete; bentonite filling steel reinforced concrete; sodium silicate inhibitor steel reinforced concrete; sodium phosphate inhibitor steel reinforced concrete				
IT	Polyesters, uses and miscellaneous RL: SPN (Synthetic preparation); PREP (Preparation) (binder, in artificial granite prepn.)				
IT	Bentonite, uses and miscellaneous Perlite RL: USES (Uses) (filling materials, for improvement of steel-reinforced concrete, for panels)				
IT	Sand RL: SPN (Synthetic preparation); PREP (Preparation) (in artificial granite prepn.)				
IT	Granite, preparation RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of artificial, polyester binder and sands for)				
IT	Polyesters, uses and miscellaneous RL: SPN (Synthetic preparation); PREP (Preparation) (hexachloronorbornenedicarboxylic acid-based, unsatd., binder, in artificial granite prepn.)				
IT	Concrete (steel rod-reinforced, improvement of, plastic filling materials for, for panels)				
IT	Polyesters, uses and miscellaneous RL: SPN (Synthetic preparation); PREP (Preparation) (unsatd., isophthalic acid-based, binder, in artificial granite prepn.)				
IT	12597-69-2 RL: USES (Uses) (concrete, steel rod-reinforced, improvement of, plastic filling materials for, for panels)				
IT	6834-92-0, Sodium silicate (Na ₂ SiO ₃) 7601-54-9, Sodium phosphate (Na ₃ PO ₄)				